

Abstract

5 A polylactic acid resin suitable for use
especially in textile products; textile products
obtained from the resin as a raw material (a fiber,
multifilament, monofilament, staple, false-twist
yarn, long-fiber nonwoven fabric, etc.); and
processes for producing these textile products. The
polylactic acid resin is a resin consisting mainly of
a polylactic acid and is characterized in that it is
10 linear, has an L-isomer content of 95 mol% or higher,
an Sn content of 30 ppm or lower, a monomer content
of 0.5 wt.% or lower, and has a relative viscosity of
2.7 to 3.9 or has a weight-average molecular weight
of 120,000 to 220,000 and a number-average molecular
15 weight of 60,000 to 110,000. The textile products
each comprises the polylactic acid resin as the main
material. The textile products each comprises a
polylactic acid excellent in processability and fiber
properties and free from problems in practical use.

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